

Amendments to the claims

Please amend the claims as shown below in the listing of the claims.

Claims

1. (Currently amended) A Motor-adjustable head rest for operating tables, comprising a head plate (12), which is arranged at one end of a curved support shaft having an axis of curvature(24), which is guided in an adjustable manner, in a plane which is perpendicular with respect to the axis of curvature in a direction of adjustment on a support (38) which can be connected to the operating table, between three rollers (26, 28, 30) which are separated by an interval spaced from one another in the direction of adjustment direction, characterized in that the and ride in tracks (32, 34, 36), formed on the curved support shaft (24), for the rollers (26, 28, 30)characterized in that the tracks are shaped in such a manner that their the instantaneous curvature midpoints centers of the tracks in each position of the support shaft (24) coincide with the instantaneous center of rotation Z_{mom} of the head movement during the lifting and lowering of a patient's head (14) which rests while resting on the head plate (12).
2. (Currently amended) The Head rest according to Claim 1, characterized in that two of the comprising at least three tracks, (32, 36) point downward and one track (34) points upwardtwo of which engage a corresponding roller along the lower edge of the support shaft, and one of which engages a corresponding roller along an upper edge of the support shaft.
3. (Currently amended) The Head rest according to Claim 1 or 2, characterized in thatwherein one of the rollers (30) supporting the support shaft (24) is prestressed in the direction to against the support shaft (24).
4. (Currently amended) The Head rest according to one of Claims 1-3, characterized in thatwherein the support comprises a housing (38)-which can be rigidly connected to the operating table, in which the rollers (26, 28, 30) are attached, and the support shaft (24) is led.

5. (Currently amended) The Hhead rest according to one of Claims 1-4, characterized in that the support shaft (24) supports a gear track (54), in which a pinion (56) which can be driven by a motor (60) engages.
6. (Currently amended) The Hhead rest according to Claim 5, characterized in that the gear track (54) is formed on a side surface of the support shaft which is perpendicular to the axis of curvature of the support shaft (24), and in that the drive device, comprising the motor (60) and the pinion (56), is attached to the support (38) in such a manner that it can be moved about a pivoting axle (66) which is perpendicular to the side surface.
7. (Currently amended) The Hhead rest according to one of Claims 1-4, characterized in that thewherein the head plate is driven by a drive device which comprises a threaded spindle which can be rotated by a motor, which rests on the support, and which engages in a nut which is attached in a movable manner to the support shaft.
8. (Currently amended) The Hhead rest according to one of Claims 1-4, characterized in that thewherein the head plate is driven by a drive device which comprises a pulling element, which is attached on, or near, the two ends of the support shaft and which is moved by a drive wheel which can be driven by a motor.
9. (Currently amended) The Hhead rest according to one of Claims 1-4, characterized in that thewherein the head plate is driven by a drive device comprisescomprising a hydraulic cylinder which rests on a support.